

ABSTRACT

An electromagnetic wave irradiation tool encompasses a narrow tube
5 (endoscope probe) (7) defined by an outside diameter of 0.1 mm - 20 mm,
having an electromagnetic wave irradiation terminal (3) configured to
irradiate an electromagnetic wave (2) having a frequency equal to a
characteristic frequency of a microorganism (11) at the top of the narrow
tube (7) and an electromagnetic wave generation unit (3) configured to
10 generate the electromagnetic wave (2) and to supply the electromagnetic
wave (2) to the electromagnetic wave irradiation terminal (3). The
electromagnetic wave irradiation tool drives the microorganism (11) into
a resonant vibration state selectively so that the microorganism (11) can
be destroyed, without giving damages to biological body (1) for medically
15 treating the disease induced by the microorganism (11).